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JP2174804A2: TOOTHBRUSH DEVICE OF MOUTH LIGHTENING TYPE

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Country: **JP Japan**

Kind:

Inventor(s): **FUKUBA HIROSHI**

Applicant(s): **FUKUBA HIROSHI**
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Issued/Filed Dates: **July 6, 1990 / Dec. 27, 1988**

Application Number: **JP1988000330599**

IPC Class: **A46B 15/00; A61C 17/00;**

Abstract: **Purpose:** To prevent plaque from being left so as to be able to easily confirm a place with which the top ends of brushing hairs comes into contact by providing both a main body which can hold a toothbrush and a lightening device by which light can be applied near the place where the hairs are planted on the toothbrush.

Constitution: After a toothbrush 7 is held in a main body 1 and this main body is held by the hand, a switching knob 2 is operated. The toothbrush 7 thus starts a shuttle motion and the light of a lightening device 5 is applied to a place 8 where hairs are planted. For that reason, since a place with which top ends 12 of the brushing hairs comes into contact on the surface of teeth is brightly lightened by only touching the top ends 12 of the brushing hairs of the toothbrush 7 on the teeth and can be precisely confirmed by the eyes through a mirror or the like, the top ends 12 of the brushing hairs can be fully reached to all parts of the teeth. At the same time, since a place 3 where the toothbrush is placed is shuttled, brushing with the toothbrush 7 is done without moving the hand and plaque is removed. Furthermore, a shuttle motion, e.g. the amplitude of vibration in its axial direction is about 4mm and the number thereof is about 2300 per minute, is suitable for the vibration of the toothbrush 7.

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Other Abstract Info: **none**

Foreign References: **(No patents reference this one)**

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